Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 14 Dec 2020 until 23:59 on Tuesday 15 Dec 2020

Forecast Issued on Monday 14 Dec 2020 at 02:48

Confidence: High confidence for a period of unsettled weather with very strong winds throughout, also spells of showers or frontal rain. Very few periods of more settled conditions in this forecast.

Headline for Monday 14 Dec 2020: A blustery showery day, gales on the hills.

Mountain weather hazards on Monday 14 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Light rain showers	Sunny intervals	Light rain showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
60%	60%	40%	60%	40%	30%

Forecast for Monday 14 Dec 2020

Weather: Occasional showers through the day, some heavy with the risk of hail and thunder, especially at first, but becoming isolated by evening. Gales on the tops of the hills and some very strong gusts as showers move through the area.

Chance of cloud free mountain/hill tops above 600m: 50% chance, quite a lot of cloud around the hill tops during showers, cloud will fall to 400m in showers, more chance of clear tops in the afternoon.

Visibility: Visibility will be good out with showers but will fall moderate or poor in heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 14 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	31/40 SW	30/40 SW	28/38 SW	24/34 SW	24/34 S	24/35 S	24/36 S
300	23/33 S	21/31 S	21/31 S	18/27 S	17/27 S	15/25 S	16/26 S
Valley	13/31 S	13/30 S	14/29 S	11/26 S	11/26 S	10/25 S	10/26 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-2	4/-2	5/-2	5/-1	4/-2	4/-2	4/-2
300	7/2	7/2	7/3	7/3	7/2	6/2	6/2
Valley	8/4	7/4	8/4	8/5	7/4	6/3	6/3
Freezing Level*	1300m	1300m	1300m	1300m	1200m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Across highest summits, winds likely to be around 10mph stronger than shown at 600m, especially near showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 14 Dec 2020	12mm	27mm	33.2mm

Forecast for Tuesday 15 Dec 2020

Weather: A mainly cloudy day and still a few showers around the Park, but these less frequent than on Monday.

Maximum wind: SSW 30mph gust 40mph

Chance of cloud free mountain/hill tops above 600m: 50%, cloud falling below the summits in showers, to around 500m, but there will be some breaks during the day.

Visibility: falling moderate or poor in showers but good otherwise.

Temperature: **Valleys:** Plus 8 celsius.
At 600m: Plus 4 celsius.
Freezing level: Above the summits.

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